

BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

In the Matter of
Amendment of Section 73.622 (i),
Post-Transition DTV Table of Allotments
Fort Worth, Texas

RM-

FILED/ACCEPTED
JUN 20 2008
Federal Communications Commission
Office of the Secretary

PETITION FOR RULEMAKING

Pursuant to Section 73.623 of the Commission's rules,¹ Television Station KTXA L.P. ("Petitioner"), licensee of KTXA (TV), Fort Worth, Texas, hereby requests that the Commission institute a rulemaking proceeding for the purpose of amending the Post-Transition DTV Table of Allotments, 47 CFR § 73.622 (i), to change the allotment for Channel 18 at Fort Worth, Texas, to Channel 19, and to modify the facilities associated with that allotment as established by Appendix B of the *Seventh Report and Order* in MB Docket 87-268.² This request is filed in light of the FCC's lifting of its August 4, 2004 "freeze" on the filing of applications for expansion of service area and channel change petitions.³

Petitioner proposes to substitute digital Channel 19 for the current channel 18 allotment, which has been assigned as KTXA's permanent digital frequency. Nearby

¹ 47 CFR § 73.623.

² *Seventh Report and Order and Eighth Further Notice of Proposed Rule Making*, MB Docket 87-268, *In the Matter of Advanced Television Systems and their Impact Upon the Existing Television Broadcast Service*, 22 FCC Rcd 15581 (2007) ("*Seventh Report and Order*").

³ Public Notice, *Commission Lifts the Freeze on the Filing of Maximization and Petitions for Digital Channel Substitutions*, Effective Immediately, DA-08-1213, released May 30, 2008.

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station KTVT (TV), Fort Worth, Texas, is vacating digital Channel 19 and will broadcast on its analog channel (Channel 11) during the post-transition period. KTVT is under common ownership with KTXA,⁴ and Petitioner desires to employ the as-built KTVT Channel 19 digital transmission system for KTXA's post-transition facility.

In addition to the efficiencies of operating the digital facilities of KTXA at the same site as its sister station, and the cost-savings available from use of KTVT's Channel 19 transmission system, the proposed channel change would allow KTXA to enlarge its service area to a greater extent than would otherwise be possible. As set forth in the attached Engineering Statement of Joseph M. Davis, P.E. (the "Engineering Statement"), KTXA's current Channel 18 operation cannot be fully "maximized" due to interference protection requirements to other stations.

As shown in the Engineering Statement, the service area of the proposed Channel 19 facility would include a population of approximately 5,499,378 persons, representing a gain of more than 220,000 persons (or 4.17 percent) over the Channel 18 Appendix B facility, without the loss of service to any area. Further, an interference study performed in accordance with OET Bulletin 69 shows that the proposed Channel 19 operation would not cause new interference in excess of the 0.5 percent limit to the Appendix B facilities, or current post-transition authorizations, of any other station. Protection requirements toward authorized Class A stations are also satisfied.

Finally, although the proposed 1000 kW ERP exceeds the maximum allowed for the proposed antenna HAAT of 500 meters, this is permissible because the total area

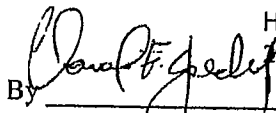
⁴ Both stations are wholly-owned by CBS Corporation through licensee subsidiaries.

within the proposed KTXA 41 dBu contour will not exceed the largest geographic coverage area of any other station in the market. *See*, 47 CFR § 622 (f) (5).

In view of the foregoing, Petitioner respectfully submits that allowing the proposed channel change will serve the public interest. Accordingly, we request that the Commission commence a rulemaking proceeding to substitute Channel 19 for the current Channel 18 allotment of KTXA-DT, and modify the associated Appendix B facilities as set forth in the Engineering Statement.

Respectfully submitted,

TELEVISION STATION KTXA L.P.

By  Howard F. Jaeckel
2008.06.20
3:10:49 -04'00'
Howard F. Jaeckel
Its Attorney

51 W. 52nd Street
New York, New York 10019

June 19, 2008



Engineering Statement
prepared for
Television Station KTXA L.P.
KTXA-DT Fort Worth, TX
Facility ID 51517
Ch. 19 1000 kW 500 m

This engineering statement has been prepared on behalf of *Television Station KTXA L.P.* ("*KTXA*"), licensee of KTXA(TV) (Facility ID 51517, Fort Worth, TX) in support of a *Petition for Rulemaking* to change the KTXA digital television ("DTV") post-transition channel assignment and related technical parameters. KTXA is licensed on analog Channel 21 and digital Channel 18, and is to remain on digital Channel 18 for the post-transition period, as established in Appendix B of the Seventh Report and Order in MB Docket 87-278. *KTXA* requests an alternative channel assignment and related parameters. The instant proposal is intended to be filed by June 20, 2008 in response to the FCC's lifting of the August 3, 2004 "freeze" concerning expansion in service area and channel change petitions.¹

KTXA proposes herein to substitute digital Channel 19 in lieu of the current digital Channel 18 allotment. Nearby station KTVT(TV), Fort Worth, TX, is vacating digital Channel 19 and will use its analog channel for the post-transition period (Channel 11). KTVT is under common ownership with KTXA, and *KTXA* desires to employ the as-built KTVT-DT Channel 19 transmission system for KTXA's digital facility in the post-transition period.

The KTVT-DT Channel 19 site is located 4.0 km from the KTXA-DT site, and its use will provide operating efficiencies for *KTXA*. Additionally, the opportunity to achieve a larger service area is improved with the proposed change, as the current KTXA-DT Channel 18 facility cannot be fully "maximized" for the post-transition period due to protection requirements to other stations.

¹Public Notice "*Commission Lifts the Freeze On the Filing of Maximization Applications and Petitions for Digital Channel Substitutions, Effective Immediately*" DA 08-1213, released May 30, 2008.

The proposal specifies use of the KTVT-DT site, the existing KTVT-DT non-directional antenna, and increased effective radiated power, as summarized below.

Present Channel 18 Parameters (Appendix B)

Facility ID	State and City	NTSC	DTV									
		Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thous)	% Interf. Received	
51517	TX FORT WORTH	21	18	220	535	19052	323235	965732	28958	5279	0.4	

Antenna C/R AMSL: 738 meters

Proposed Channel 19 Parameters

Facility ID	State and City	NTSC	DTV									
		Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thous)	% Interf. Received	
51517	TX FORT WORTH	21	19	1000	500	(omni)	323443	965712	42785	5499	1.7	

Antenna C/R AMSL: 695 meters

A map is supplied as **Figure 1**, which depicts the standard predicted coverage contours. This map includes the boundaries of Fort Worth, KTXA-DT's principal community. As demonstrated thereon, the proposed facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 48 dBμ contour.

Figure 2 provides a coverage contour comparison, demonstrating that the channel substitution would not result in any loss area from the current Channel 19 allotment. The proposed KTXA-DT allotment's predicted service population provides a 104.2 percent match of the current Appendix B facility, as detailed in the following table.

Post-Transition Population Summary

Population Summary (2000 Census) OET Bulletin 69 method	Channel 18 Appendix B	Channel 19 Proposed
Within Noise Limited Contour	5,300,976	5,593,104
Not affected by terrain losses	5,300,184	5,591,903
Lost to all interference	20,904	92,525
Net DTV Service	5,279,280	5,499,378
Match of Appendix B	---	104.17%

A detailed interference study per OET Bulletin 69² shows that the proposal complies with the 0.5 percent limit of new interference caused to the Appendix B facilities and current post-transition authorizations of pertinent nearby stations. The interference study output report is provided as **Table 1**. Protection requirements towards authorized Class A stations are also satisfied.

The proposed 1000 kW ERP exceeds the maximum allowed for the proposed antenna HAAT of 500 meters currently permitted by §73.622(f)(8)(i). Section 73.622(f)(5) permits the maximum ERP to be exceeded in order to provide the same geographic coverage area as the largest station within the same market. The total area within the proposed KTXA-DT 41 dBμ contour is 41,061 square kilometers, which does not exceed the 43,008 square kilometers within the post-transition Construction Permit for station WFAA-DT (Ch. 8, Dallas, TX, BPCDT-20080303ALH). A coverage contour comparison map is provided as **Figure 3**. Thus, the ERP specified herein is in compliance with §73.622(f)(5) of the Commission's Rules.

²FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 ("OET-69"). The implementation of OET-69 for this study followed the guidelines of OET-69 as specified therein. A standard cell size of 2 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission's implementation of OET-69 show excellent correlation.

Certification

The undersigned hereby certifies that the foregoing statement was prepared by him or under his direction, and that it is true and correct to the best of his knowledge and belief.



Joseph M. Davis, P.E.
June 7, 2008

Chesapeake RF Consultants, LLC
11993 Kahns Road
Manassas, VA 20112
703-650-9600

List of Attachments

Figure 1	Proposed Coverage Contours
Figure 2	Coverage Contour Comparison
Figure 3	Largest Station in Market
Table 1	OET Bulletin 69 Interference Study

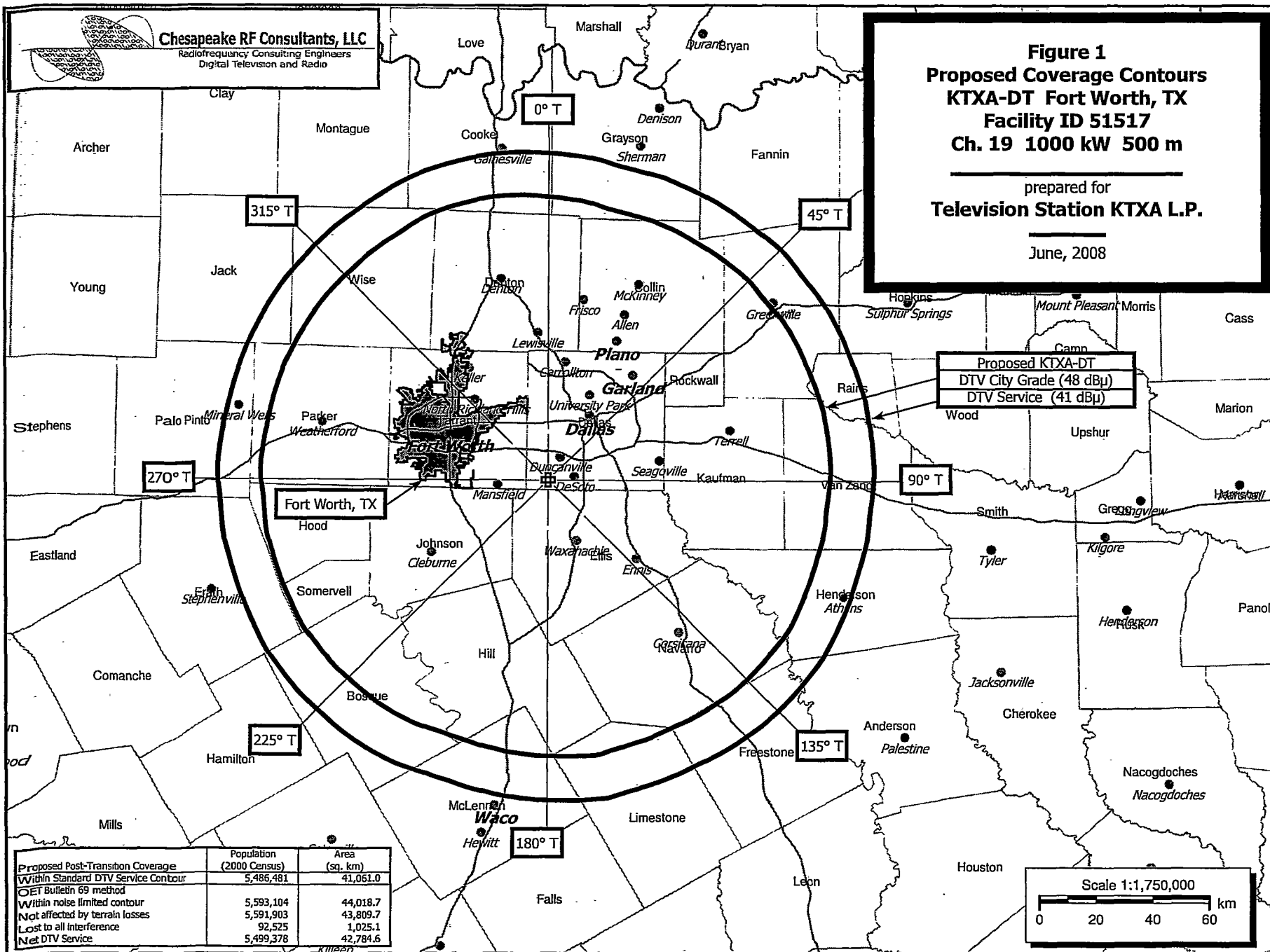


Chesapeake RF Consultants, LLC
Radiofrequency Consulting Engineers
Digital Television and Radio

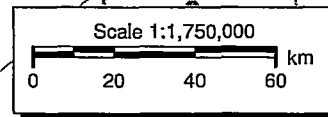
Figure 1
Proposed Coverage Contours
KTXA-DT Fort Worth, TX
Facility ID 51517
Ch. 19 1000 kW 500 m

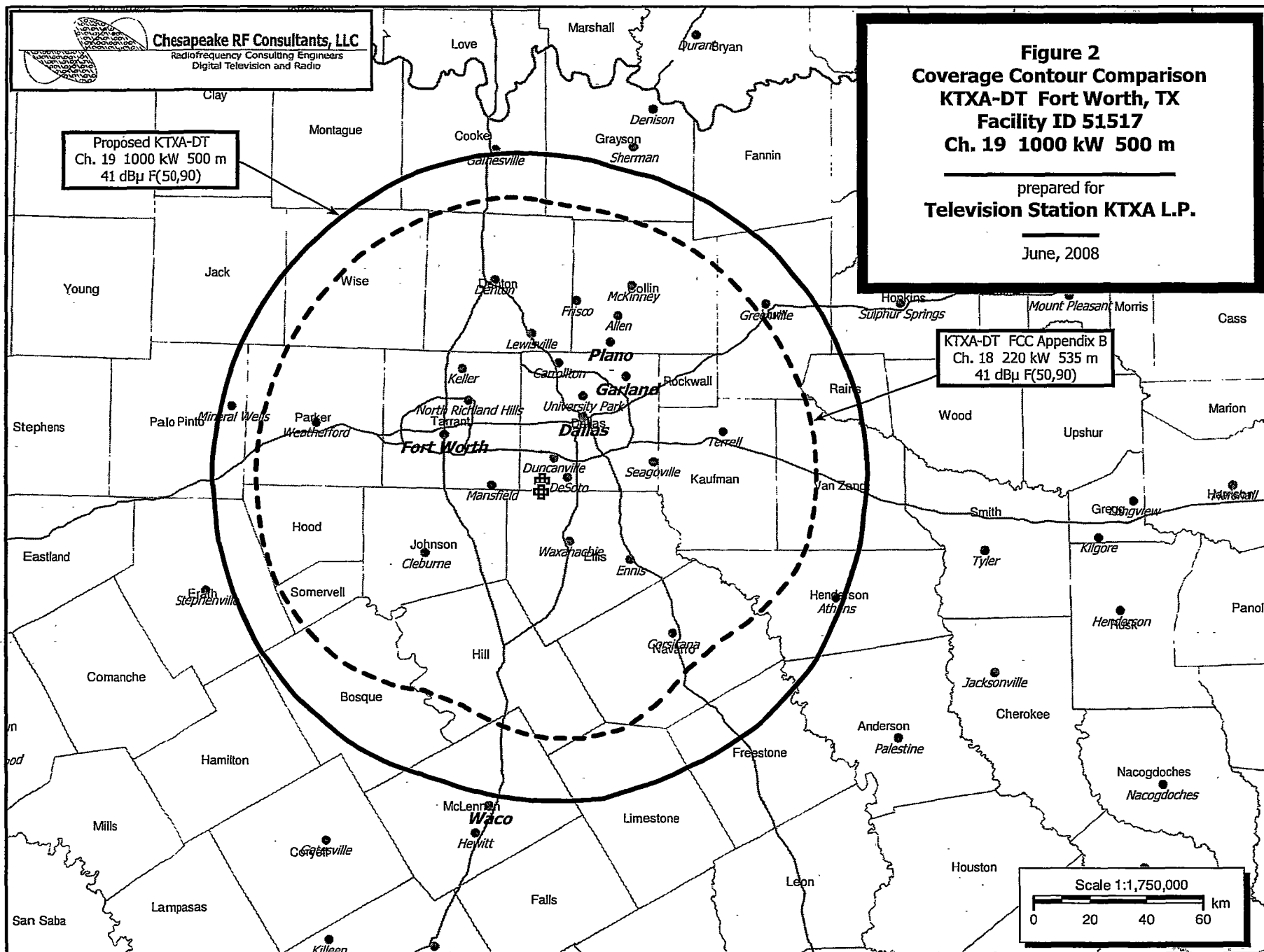
prepared for
Television Station KTXA L.P.

June, 2008



Proposed Post-Transition Coverage	Population (2000 Census)	Area (sq. km)
Within Standard DTV Service Contour	5,485,481	41,061.0
OET Bulletin 69 method		
Within noise limited contour	5,593,104	44,018.7
Not affected by terrain losses	5,591,903	43,809.7
Lost to all interference	92,525	1,025.1
Net DTV Service	5,499,378	42,784.6







Chesapeake RF Consultants, LLC
Radiofrequency Consulting Engineers
Digital Television and Radio

Proposed KTXA-DT
41 dBμ F(50,90)
Area: 41,061 sq. km

WFAA-DT Ch. 8 Dallas, TX
BPCDT-20080303ALH
36 dBμ F(50,90)
Area: 43,008 sq. km

Figure 3
Largest Station in Market
KTXA-DT Fort Worth, TX
Facility ID 51517
Ch. 19 1000 kW 500 m

prepared for
Television Station KTXA L.P.

June, 2008

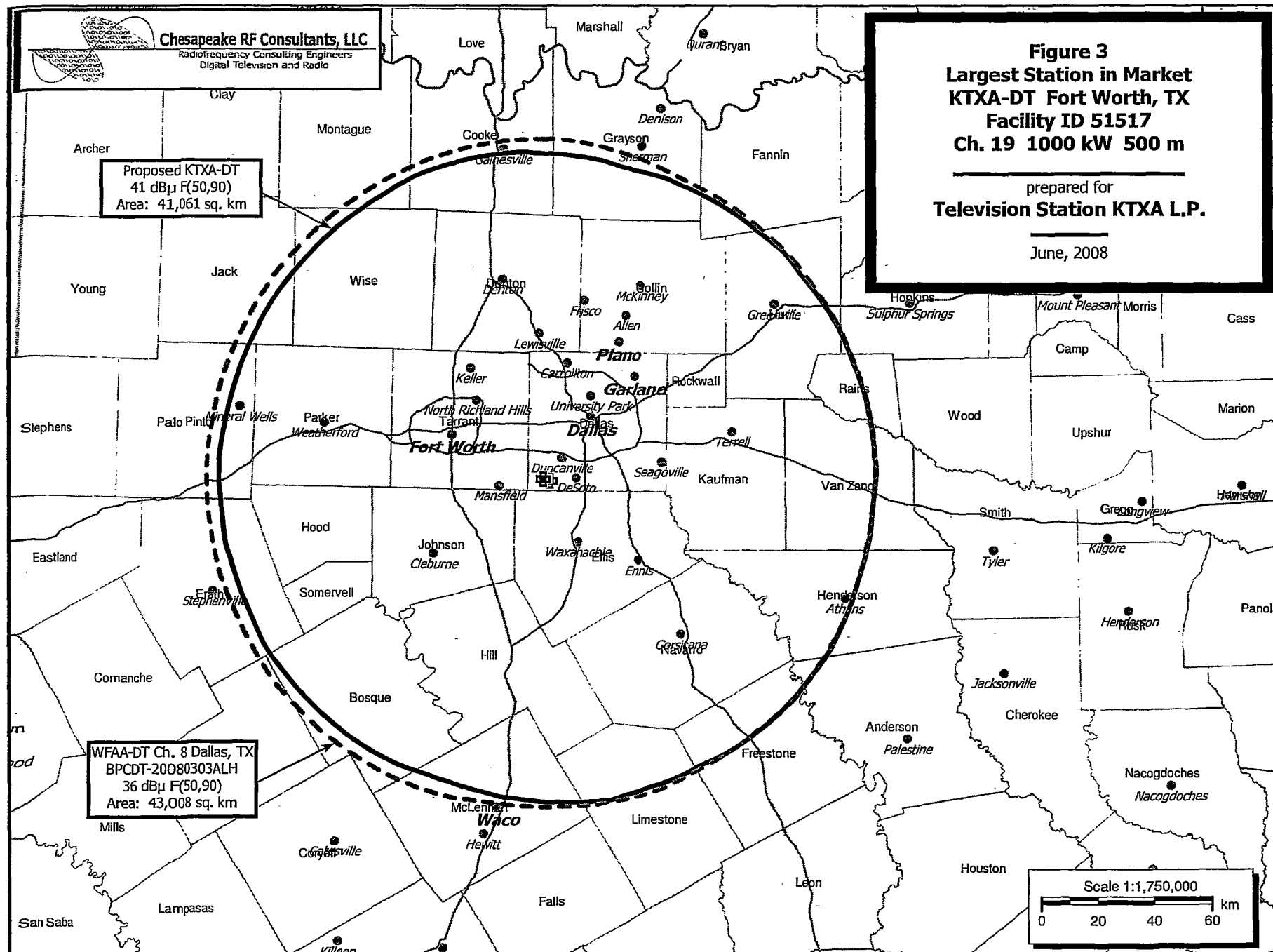


Table 1 KTXA-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 1 of 10)

TW Census data selected 2000

Post Transition Data Base Selected /space/software/cdbs/pt_tvdbs.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-07-2008 Time: 12:27:36

Record Selected for Analysis

KTXA-DT USERRECORD-01 FORT WORTH TX US
 Channel 19 ERP 1000. kW HAAT 500. m RCAMSL 00695 m
 Latitude 032-34-43 Longitude 0096-57-12
 Status APP Zone 2 Border
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits
 Channel 19 ERP = 1000.00 HAAT = 500.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	1000.000	500.6	114.6
45.0	1000.000	502.7	114.7
90.0	1000.000	495.3	114.2
135.0	1000.000	496.4	114.3
180.0	1000.000	471.5	112.4
225.0	1000.000	493.8	114.1
270.0	1000.000	516.0	115.6
315.0	1000.000	523.5	116.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Table 1 KTXA-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 2 of 10)

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
19	KTXA-DT	FORT WORTH TX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KYTX	NACOGDOCHES TX	190.9	LIC	BLCDDT	-20070810AAO
18	KYTX	NACOGDOCHES TX	190.9	PLN	DTVPLN	-DTVP0657
19	KUOT-CA	OKLAHOMA CITY OK	313.7	APP	BPTTA	-20060111ACN
19	KUOT-CA	OKLAHOMA CITY OK	313.7	LIC	BLTTA	-20040811ADD
19	KTXH	HOUSTON TX	362.3	LIC	BLCDDT	-20020514AAE
19	KTXH	HOUSTON TX	362.3	PLN	DTVPLN	-DTVP0701
19	KIDY	SAN ANGELO TX	353.1	CP	BPCDDT	-19991029AFV
19	KIDY	SAN ANGELO TX	353.1	PLN	DTVPLN	-DTVP0703
20	KWBU-TV	WACO TX	144.5	LIC	BLEDT	-20060622AAS
20	KWBU-TV	WACO TX	144.5	PLN	DTVPLN	-DTVP0743

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	KYTX	NACOGDOCHES TX	BLCDDT	-20070810AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KSLA-TV	SHREVEPORT LA	137.9	LIC	BLCDDT	-20020501AAS
17	KSLA-TV	SHREVEPORT LA	137.9	PLN	DTVPLN	-DTVP0601
18	WMAU-TV	BUDE MS	414.3	CP	BPEDT	-20000501AHS
18	WMAU-TV	BUDE MS	414.3	PLN	DTVPLN	-DTVP0643
18	KNIC-TV	BLANCO TX	409.1	APP	BPCDDT	-20080402ADA
18	KNIC-TV	BLANCO TX	409.1	PLN	DTVPLN	-DTVP0652
18	KTXA	FORT WORTH TX	189.9	PLN	DTVPLN	-DTVP0655
19	KTXA-DT	FORT WORTH TX	190.9	APP	USERRECORD-01	

Proposal causes no interference

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	KYTX	NACOGDOCHES TX	DTVPLN	-DTVP0657

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KSLA-TV	SHREVEPORT LA	137.9	LIC	BLCDDT	-20020501AAS
17	KSLA-TV	SHREVEPORT LA	137.9	PLN	DTVPLN	-DTVP0601
18	WMAU-TV	BUDE MS	414.3	CP	BPEDT	-20000501AHS

Table 1 KTXA-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 10)

18	WMAU-TV	BUDE MS	414.3	PLN	DTVPLN	-DTVP0643
18	KNIC-TV	BLANCO TX	409.1	APP	BPCDT	-20080402ADA
18	KNIC-TV	BLANCO TX	409.1	PLN	DTVPLN	-DTVP0652
18	KTXA	FORT WORTH TX	189.9	PLN	DTVPLN	-DTVP0655
19	KTXA-DT	FORT WORTH TX	190.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 2
Before Analysis

Results for: 18A TX NACOGDOCHES DTVP0657 PLN
HAAT 457.0 m, ATV ERP 640.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	906195	38720.0
not affected by terrain losses	904770	38612.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	75437	3561.8
lost to ATV IX only	75437	3561.8
lost to all IX	75437	3561.8

Potential Interfering Stations Included in above Scenario 1

17A	LA SHREVEPORT	BLCDT	20020501AAS	LIC
18A	TX FORT WORTH	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 18A TX NACOGDOCHES DTVP0657 PLN
HAAT 457.0 m, ATV ERP 640.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	906195	38720.0
not affected by terrain losses	904770	38612.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20872	883.5
lost to ATV IX only	20872	883.5
lost to all IX	20872	883.5

Potential Interfering Stations Included in above Scenario 1

17A	LA SHREVEPORT	BLCDT	20020501AAS	LIC
19A	TX FORT WORTH	USERRECORD01		APP

Percent new IX = -6.5794%

Worst case new IX -6.5794% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record
Channel Call City/State Application Ref. No.
19 KUOT-CA OKLAHOMA CITY OK BPTTA -20060111ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Table 1 KTXA-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 10)

15	KTBO-TV	OKLAHOMA CITY OK	23.1	LIC	BLCDT	-20050415AAC
15	KTBO-TV	OKLAHOMA CITY OK	23.1	PLN	DTVPLN	-DTVP0543
19	KSCW	WICHITA KS	300.3	APP	BPCDT	-20080408AAK
19	KSCW	WICHITA KS	270.2	PLN	DTVPLN	-DTVP0681
19	KQCW	MUSKOGEE OK	155.8	LIC	BLCT	-19990922AAE
19	KOKG-LP	STILLWATER OK	93.8	LIC	BLTTL	-19930706JK
26	KTEN	ADA OK	139.2	CP	BPCDT	-19991007AAW
26	KTEN	ADA OK	139.2	PLN	DTVPLN	-DTVP0972
27	KFOR-TV	OKLAHOMA CITY OK	25.5	LIC	BLCDT	-20050701ABR
27	KFOR-TV	OKLAHOMA CITY OK	25.5	PLN	DTVPLN	-DTVP1015
33	KOCB	OKLAHOMA CITY OK	20.2	LIC	BLCDT	-20060615AAL
33	KOCB	OKLAHOMA CITY OK	20.2	PLN	DTVPLN	-DTVP1225
34	KOCB	OKLAHOMA CITY OK	20.2	LIC	BLCT	-20060206AAR
19	KTXA-DT	FORT WORTH TX	313.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record
Channel Call City/State Application Ref. No.
19 KUOT-CA OKLAHOMA CITY OK BLTTA -20040811ADD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KTBO-TV	OKLAHOMA CITY OK	23.1	LIC	BLCDT -20050415AAC
15	KTBO-TV	OKLAHOMA CITY OK	23.1	PLN	DTVPLN -DTVP0543
19	KSCW	WICHITA KS	300.3	APP	BPCDT -20080408AAK
19	KSCW	WICHITA KS	270.2	PLN	DTVPLN -DTVP0681
19	KQCW	MUSKOGEE OK	155.8	LIC	BLCT -19990922AAE
26	KTEN	ADA OK	139.2	CP	BPCDT -19991007AAW
26	KTEN	ADA OK	139.2	PLN	DTVPLN -DTVP0972
27	KFOR-TV	OKLAHOMA CITY OK	25.5	LIC	BLCDT -20050701ABR
27	KFOR-TV	OKLAHOMA CITY OK	25.5	PLN	DTVPLN -DTVP1015
33	KOCB	OKLAHOMA CITY OK	20.2	LIC	BLCDT -20060615AAL
33	KOCB	OKLAHOMA CITY OK	20.2	PLN	DTVPLN -DTVP1225
34	KOCB	OKLAHOMA CITY OK	20.2	LIC	BLCT -20060206AAR
19	KTXA-DT	FORT WORTH TX	313.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record
Channel Call City/State Application Ref. No.
19 KTXH HOUSTON TX BLCDT -20020514AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KTXA-DT	FORT WORTH TX	362.3	APP	USERRECORD-01

Total scenarios = 1

Table 1 KTXA-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 10)

Result key: 3
Scenario 1 Affected station 5
Before Analysis

Results for: 19A TX HOUSTON BLCDDT 20020514AAE LIC
HAAT 596.0 m, ATV ERP 421.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4828090	36258.9
not affected by terrain losses	4827873	36222.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 19A TX HOUSTON BLCDDT 20020514AAE LIC
HAAT 596.0 m, ATV ERP 421.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4828090	36258.9
not affected by terrain losses	4827873	36222.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1000	68.7
lost to ATV IX only	1000	68.7
lost to all IX	1000	68.7

Potential Interfering Stations Included in above Scenario 1

19A TX FORT WORTH USERRECORD01 APP

Percent new IX = 0.0207%

Worst case new IX 0.0207% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record
Channel Call City/State Application Ref. No.
19 KTXH HOUSTON TX DTVP LN -DTVP0701

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	KTXA-DT	FORT WORTH TX	362.3	APP	USERRECORD-01

Total scenarios = 1

Result key: 4
Scenario 1 Affected station 6
Before Analysis

Results for: 19A TX HOUSTON DTVP LN DTVP0701 PLN
HAAT 596.0 m, ATV ERP 421.0 kW

	POPULATION	AREA (sq km)
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Table 1 KTXA-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 10)

within Noise Limited Contour	4828090	36258.9
not affected by terrain losses	4827873	36222.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 19A TX HOUSTON DTVP LN DTVP0701 PLN
HAAT 596.0 m, ATV ERP 421.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4828090	36258.9
not affected by terrain losses	4827873	36222.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1000	68.7
lost to ATV IX only	1000	68.7
lost to all IX	1000	68.7

Potential Interfering Stations Included in above Scenario 1

19A TX FORT WORTH USERRECORD01 APP

Percent new IX = 0.0207%

Worst case new IX 0.0207% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record
Channel Call City/State Application Ref. No.
19 KIDY SAN ANGELO TX BPCDDT -19991029AFV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KUPB	MIDLAND TX	192.7	PLN	DTVP LN -DTVP0656
18	KUPB	MIDLAND TX	192.7	CP	BPCDDT -19991230AAK
19	KOCT	CARLSBAD NM	372.1	CP	BPCDDT -19991101AEP
19	KOCT	CARLSBAD NM	372.1	PLN	DTVP LN -DTVP0695
19	KOCT	CARLSBAD NM	372.1	APP	BMPDDT -20080527ABX
20	KTXS-TV	SWEETWATER TX	99.4	CP	BPCDDT -20071127ACP
20	KTXS-TV	SWEETWATER TX	99.4	PLN	DTVP LN -DTVP0742
20	KTXS-TV	SWEETWATER TX	99.4	LIC	BLCDDT -20060817ACW
19	KTXA-DT	FORT WORTH TX	353.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record
Channel Call City/State Application Ref. No.

Table 1 KTXA-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 7 of 10)

19	KIDY	SAN ANGELO TX	DTVPLN	-DTVP0703
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	KUPB	MIDLAND TX	192.7	PLN	DTVPLN	-DTVP0656
18	KUPB	MIDLAND TX	192.7	CP	BPCDT	-19991230AAK
19	KOCT	CARLSBAD NM	372.1	CP	BPCDT	-19991101AEP
19	KOCT	CARLSBAD NM	372.1	PLN	DTVPLN	-DTVP0695
19	KOCT	CARLSBAD NM	372.1	APP	BMPCDT	-20080527ABX
20	KTXS-TV	SWEETWATER TX	99.4	CP	BPCDT	-20071127ACP
20	KTXS-TV	SWEETWATER TX	99.4	PLN	DTVPLN	-DTVP0742
20	KTXS-TV	SWEETWATER TX	99.4	LIC	BLCDT	-20060817ACW
19	KTXA-DT	FORT WORTH TX	353.1	APP	USERRECORD-01	

Total scenarios = 3

Result key: 7

Scenario 3 Affected station 8

Before Analysis

Results for: 19A TX SAN ANGELO DTVPLN DTVP0703 PLN

HAAT 277.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	133078	28427.3
not affected by terrain losses	133030	28278.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	81	68.2
lost to ATV IX only	81	68.2
lost to all IX	81	68.2

Potential Interfering Stations Included in above Scenario 3

20A TX SWEETWATER BLCDT 20060817ACW LIC

After Analysis

Results for: 19A TX SAN ANGELO DTVPLN DTVP0703 PLN

HAAT 277.0 m, ATV ERP 1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	133078	28427.3
not affected by terrain losses	133030	28278.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	224	104.3
lost to ATV IX only	224	104.3
lost to all IX	224	104.3

Potential Interfering Stations Included in above Scenario 3

20A TX SWEETWATER BLCDT 20060817ACW LIC

19A TX FORT WORTH USERRECORD01 APP

Percent new IX = 0.1076%

Worst case new IX 0.1076% Scenario 3

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Analysis of Interference to Affected Station 9

Table 1 KTXA-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 8 of 10)

Analysis of current record	Channel	Call	City/State	Application	Ref. No.
	20	KWBW-TV	WACO TX	BLEDT	-20060622AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KLTL-TV	LAKE CHARLES LA	427.0	LIC	BLEDT	-20040914ABL
20	KLTL-TV	LAKE CHARLES LA	427.0	PLN	DTVPLN	-DTVP0726
20	KTXS-TV	SWEETWATER TX	287.6	CP	BPCDT	-20071127ACP
20	KTXS-TV	SWEETWATER TX	287.6	PLN	DTVPLN	-DTVP0742
20	KTXS-TV	SWEETWATER TX	287.6	LIC	BLCDT	-20060817ACW
21	KXAN-TV	AUSTIN TX	118.9	LIC	BLCDT	-20050630AAG
21	KXAN-TV	AUSTIN TX	118.9	PLN	DTVPLN	-DTVP0785
19	KTXA-DT	FORT WORTH TX	144.5	APP	USERRECORD-01	

Total scenarios = 4

Result key: 10

Scenario 3 Affected station 9

Before Analysis

Results for: 20A TX WACO BLEDT 20060622AAS LIC

HAAT 319.0 m, ATV ERP 700.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	687575	26168.5
not affected by terrain losses	685728	26023.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6105	470.2
lost to ATV IX only	6105	470.2
lost to all IX	6105	470.2

Potential Interfering Stations Included in above Scenario 3

20A TX SWEETWATER DTVPLN DTVP0742 PLN

21A TX AUSTIN BLCDT 20050630AAG LIC

After Analysis

Results for: 20A TX WACO BLEDT 20060622AAS LIC

HAAT 319.0 m, ATV ERP 700.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	687575	26168.5
not affected by terrain losses	685728	26023.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7289	679.2
lost to ATV IX only	7289	679.2
lost to all IX	7289	679.2

Potential Interfering Stations Included in above Scenario 3

20A TX SWEETWATER DTVPLN DTVP0742 PLN

21A TX AUSTIN BLCDT 20050630AAG LIC

19A TX FORT WORTH USERRECORD01 APP

Percent new IX = 0.1742%

Worst case new IX 0.1742% Scenario 3

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Table 1 KTXA-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 9 of 10)

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	KWBU-TV	WACO TX	DTVPLN -DTVP0743

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KLTL-TV	LAKE CHARLES LA	427.0	LIC	BLEDT -20040914ABL
20	KLTL-TV	LAKE CHARLES LA	427.0	PLN	DTVPLN -DTVP0726
20	KTXS-TV	SWEETWATER TX	287.6	CP	BPCDT -20071127ACP
20	KTXS-TV	SWEETWATER TX	287.6	PLN	DTVPLN -DTVP0742
20	KTXS-TV	SWEETWATER TX	287.6	LIC	BLEDT -20060817ACW
21	KXAN-TV	AUSTIN TX	118.9	LIC	BLEDT -20050630AAG
21	KXAN-TV	AUSTIN TX	118.9	PLN	DTVPLN -DTVP0785
19	KTXA-DT	FORT WORTH TX	144.5	APP	USERRECORD-01

Total scenarios = 4

Result key: 14

Scenario 3 Affected station 10
Before Analysis

Results for: 20A TX WACO DTVPLN DTVP0743 PLN

HAAT	319.0 m, ATV ERP	700.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			687575	26168.5
not affected by terrain losses			685728	26023.8
lost to NTSC IX			0	0.0
lost to additional IX by ATV			6105	470.2
lost to ATV IX only			6105	470.2
lost to all IX			6105	470.2

Potential Interfering Stations Included in above Scenario 3

20A TX SWEETWATER	DTVPLN	DTVP0742	PLN
21A TX AUSTIN	BLEDT	20050630AAG	LIC

After Analysis

Results for: 20A TX WACO DTVPLN DTVP0743 PLN

HAAT	319.0 m, ATV ERP	700.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			687575	26168.5
not affected by terrain losses			685728	26023.8
lost to NTSC IX			0	0.0
lost to additional IX by ATV			7289	679.2
lost to ATV IX only			7289	679.2
lost to all IX			7289	679.2

Potential Interfering Stations Included in above Scenario 3

20A TX SWEETWATER	DTVPLN	DTVP0742	PLN
21A TX AUSTIN	BLEDT	20050630AAG	LIC
19A TX FORT WORTH	USERRECORD01		APP

Percent new IX = 0.1742%

Worst case new IX 0.1742% Scenario 3

Table 1 KTXA-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 10 of 10)

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	KTXA-DT	FORT WORTH TX	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KYTX	NACOGDOCHES TX	190.9	LIC	BLEDT -20070810AAO
18	KYTX	NACOGDOCHES TX	190.9	PLN	DTVPLN -DTVP0657
19	KTXH	HOUSTON TX	362.3	LIC	BLEDT -20020514AAE
19	KTXH	HOUSTON TX	362.3	PLN	DTVPLN -DTVP0701
19	KIDY	SAN ANGELO TX	353.1	CP	BPCDT -19991029AFV
19	KIDY	SAN ANGELO TX	353.1	PLN	DTVPLN -DTVP0703
20	KWBU-TV	WACO TX	144.5	LIC	BLEDT -20060622AAS
20	KWBU-TV	WACO TX	144.5	PLN	DTVPLN -DTVP0743

Total scenarios = 8

Result key: 23

Scenario 8 Affected station 11
Before Analysis

Results for: 19A TX FORT WORTH USERRECORD01 APP

HAAT	500.0 m, ATV ERP	1000.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			5593104	44018.7
not affected by terrain losses			5591903	43809.7
lost to NTSC IX			0	0.0
lost to additional IX by ATV			92525	1025.1
lost to ATV IX only			92525	1025.1
lost to all IX			92525	1025.1

Potential Interfering Stations Included in above Scenario 8

19A TX HOUSTON	DTVPLN	DTVP0701	PLN
19A TX SAN ANGELO	DTVPLN	DTVP0703	PLN
20A TX WACO	DTVPLN	DTVP0743	PLN

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